

**Commonwealth of Kentucky**  
**Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Brian Ballard

GENERAL INFORMATION:

Name:	James Marine Inc. / Paducah River Painting
Address:	P.O. Box 2305, Paducah, KY 42029
Date application received:	11/10/2003, 12/18/2003, 2/2/2004, 2/20/2004, 5/10/2004, 7/19/2005 & 8/11/2005
SIC/Source description:	1799, Special Trade Contractors, Nec
Source ID #:	21-157-00048
Source A.I. #:	2938
Activity #:	APE20040001
Permit number:	V-05-048

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input checked="" type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☒ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

**EMISSIONS SUMMARY:**

Pollutant	Actual (tpy)	Potential (tpy)	Allowable (tpy)
PM/PM <sub>10</sub>	8.81	18.55	N/A
SO <sub>2</sub>	5.65	14.03	N/A
NO <sub>x</sub>	80.34	201.26	35.0
CO	17.30	43.34	N/A
VOC	86.91	507.57	98.0
Single HAPs			
Bis (2-Ethylhexyl) Phthalate (CAS No. 117-81-7)	12.01	70.17	N/A
Ethyl Benzene (CAS No. 100-41-4)	18.0	105.12	N/A
Methyl Isobutyl Ketone (CAS No. 108-10-1)	23.78	138.88	N/A
Xylenes (CAS No. 1330-20-7)	36.75	214.62	N/A
Source wide HAPs	90.05	528.79	N/A

**SOURCE DESCRIPTION:**

See Statement of Basis.

**EMISSIONS AND OPERATING CAPS DESCRIPTIONS:**

The facility has requested a self-imposed source-wide limit of 98.0 tons per year for VOC emissions and 35.0 tons per year for NO<sub>x</sub> emissions. All coatings used shall be formulated as-supplied to meet the VOHAP limits contained in Table 2 to 40 CFR 63, Subpart II. All thinner used in coating operations, outdoor barge painting (EU02) and enclosed barge painting (EU04) shall be a HAPS-free formulation. Any thinner(s) containing listed VOHAPS shall be made unavailable. See Statement of Basis.